

GSI 61 User Manual Addendum

USB Remote Option

Overview

The GSI 61 remote option allows for interfacing the audiometer to a full page USB printer (either color or monochrome) for the purpose of printing audiogram records. Additionally, the GSI 61 can be connected to a remote computer host for managing patient records or setting control parameters. Connection to the remote host is via a USB connection (an appropriate driver must be installed on the host).

Print Capability

Refer to the *Optional Accessories* section of Chapter 2 in the GSI 61 User Manual (PN: 1761-0100) for print functionality/capabilities.

Remote Host Capability

Refer to Chapter 6 of the GSI 61 User Manual (PN: 1761-0100) for remote host functionality/capabilities.

Compatibility

Printer Interface

Language Compatibility

In general, for a printer to be compatible, it must support the print language PCL3. If a printer does not support PCL3, it is known to be incompatible. Support of PCL3 print language may not guarantee that a printer is fully compatible. Even for a compatible printer, advanced print features may not be available.

Compatible Print Languages: PCL, PCL3+, PCL4, PCL5, PCL5e, PCL5c, and PCL6 Standard. PCL3 is the native print language of the GSI 61. These higher level PCL languages are supersets of PCL3.

Incompatible Print Languages: PCL3 GUI, PCL6 Enhanced, PCL XL, all PostScript, PictBridge, and GDI languages.

Specific Compatibility

GSI Technical Support maintains a list of known compatible printers.

Data/Control Interface

Hardware Compatibility

The remote board is USB 2.0 Slow/Full speed compatible. Since USB 2.0 is a superset of USB 1.x, it is also compatible with those hosts using USB 1.x.

Operating System Compatibility

By choosing the corresponding driver, the remote host option is possible with the following operating systems:

Windows	Mobile/Embedded	Other (MAC/Linux)
Windows Vista	Windows CE 6.0	Mac OS X
Windows Vista x64	Windows CE 4.2 - 5.2	Mac OS 9
Windows XP		Mac OS 8
Windows XP x64	Windows Mobile 6	
Windows 2000	Windows Mobile 5	Mac OS X (Intel)
Windows Server 2008		
Windows Server 2008 x64	PocketPC 2003	Linux
Windows Server 2003		Linux x86_64
Windows Server 2003 x64		
Windows 98		
Windows ME		

Driver Installation and System Setup

NOTE: Read the driver installation instructions BEFORE connecting the GSI 61 to the host PC.

Driver installation is platform and operating system dependent. Refer to the installation instructions on the driver media (CD-ROM PN: 1761-0650) that corresponds to your system and its operating system.

Application Setup

Printer

Set configuration switch S2 according to the desired print color and audiogram arrangement.

Switch Position	ON/UP	OFF/DOWN
1 – Single/Dual Audiogram	R&L Audiograms print on a common axis	R&L Audiograms print on separate axes
2 – Color/B&W	Prints are in color	Prints are B&W
3 – Unused	Do Not Use	Default
4 – Bar Code	No bar code is printed	Bar code is printed

Remote Host

When the GSI 61 is connected to the host, it will show up on the host PC as a virtual COM port. The application will need to select that COM port. Generally, the serial port parameters (baud rate, stop bits, parity, handshaking, etc.) are then arbitrary and the virtual COM port driver handles all of those considerations. Simply select the desired COM port and accept the default parameters for baud rate, parity, etc.